

FIG. 1  
(PRIOR ART)

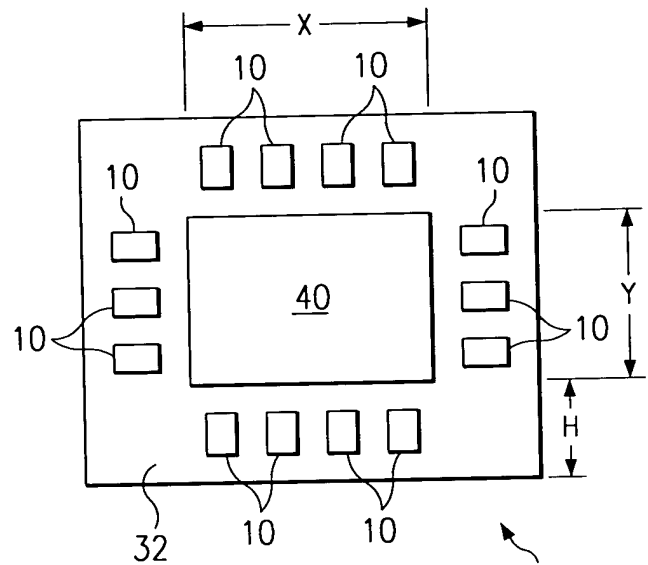


FIG. 2  
(PRIOR ART)

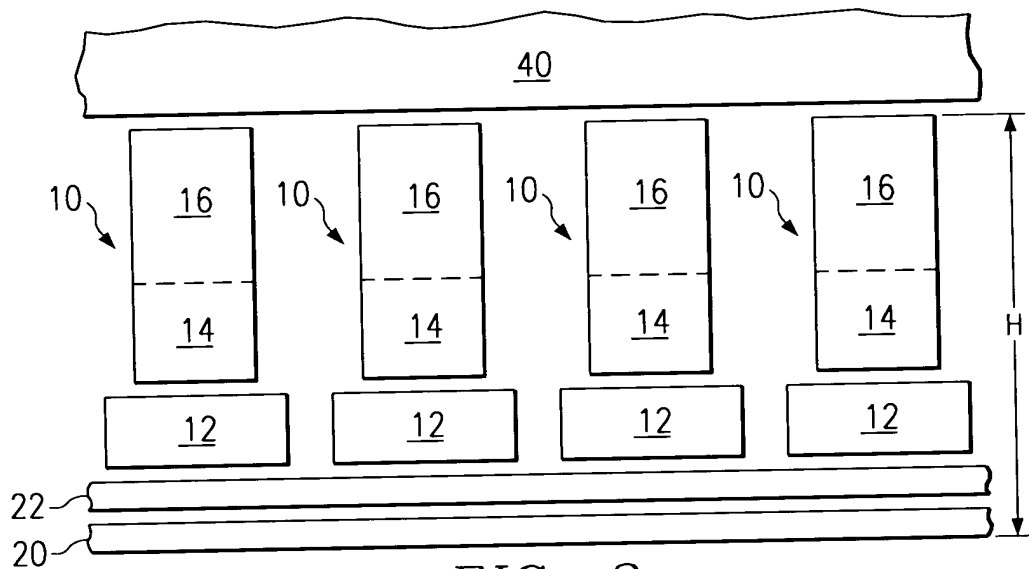


FIG. 3  
(PRIOR ART)

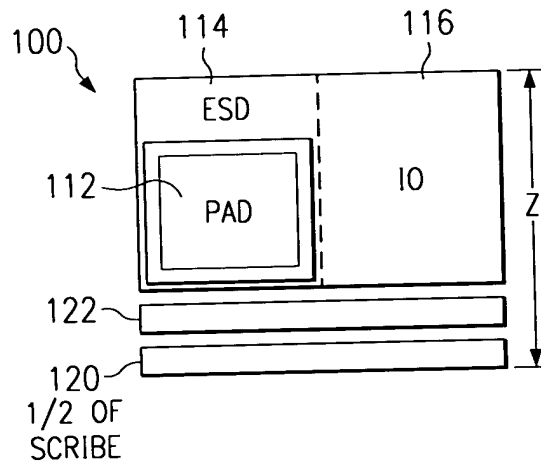


FIG. 4

FIG. 5

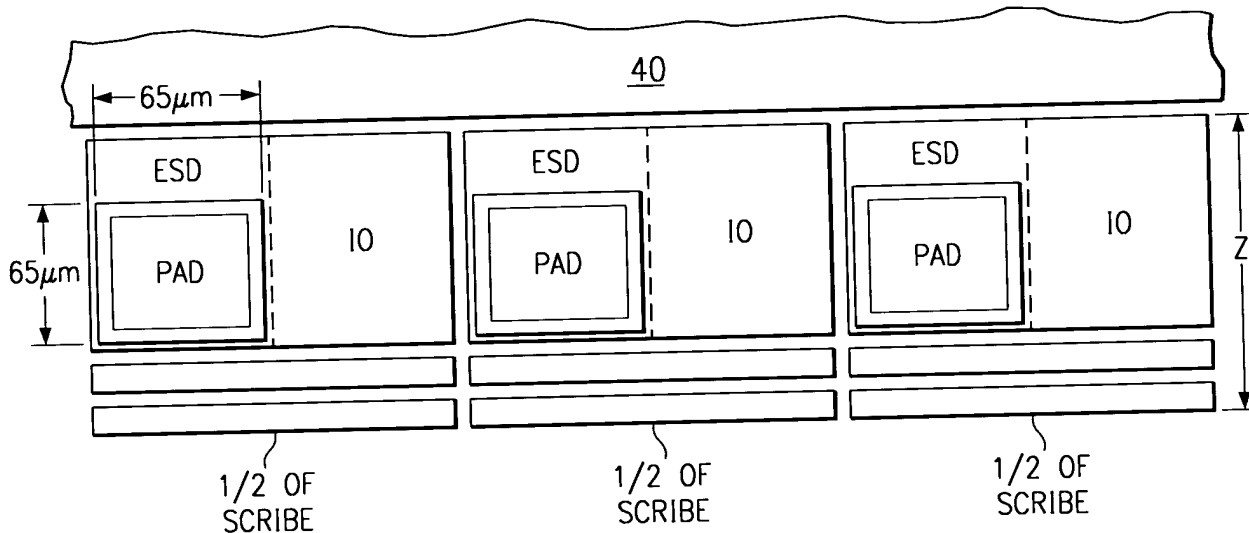
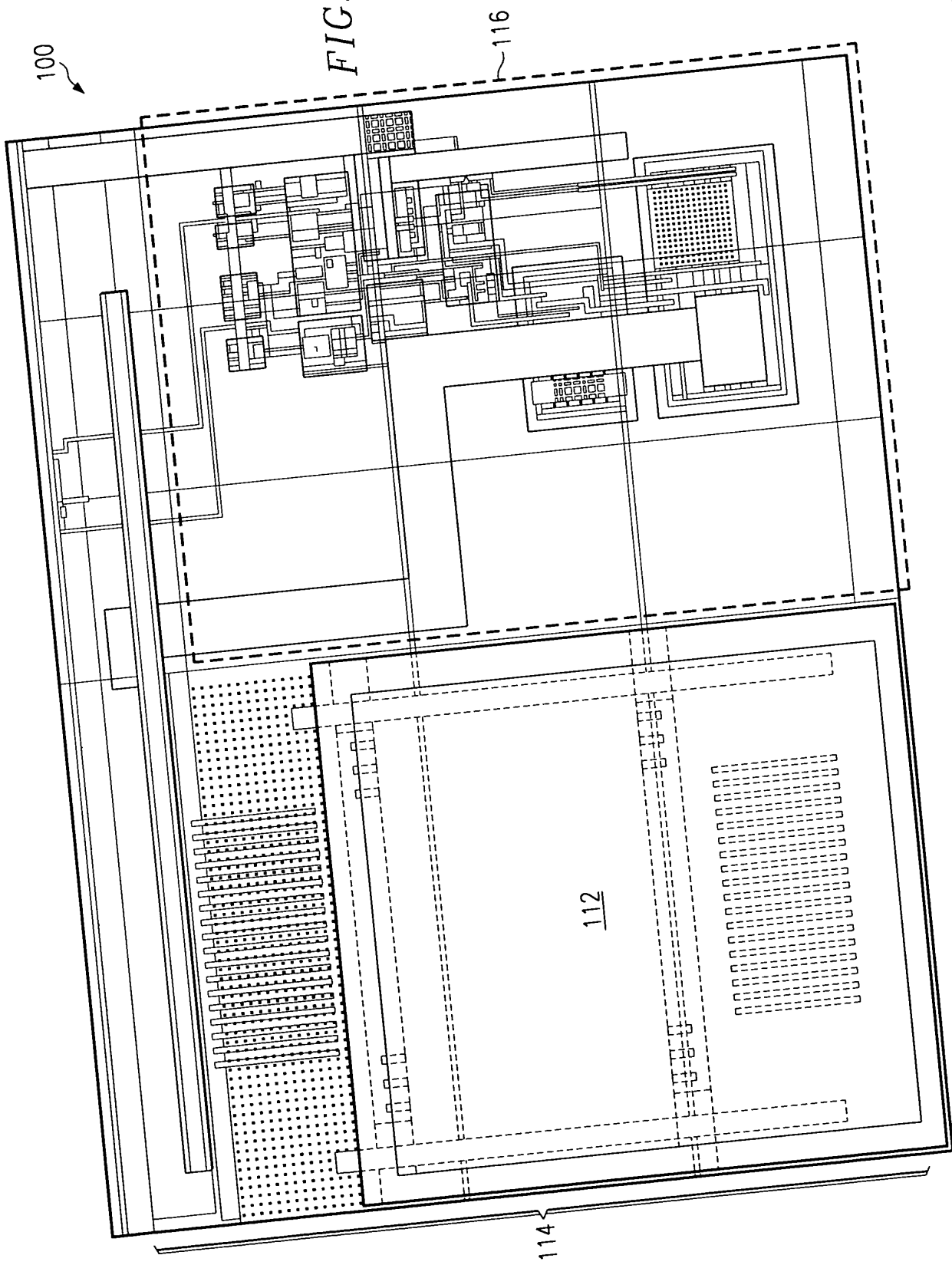


FIG. 6

| CORE AREA,<br>mm <sup>2</sup> | mm/SIDE  | IO HEIGHT,<br>μm | IO WIDTH,<br>μm | AREA     | MAX IO | WASTED<br>AREA | % OF<br>CORE |
|-------------------------------|----------|------------------|-----------------|----------|--------|----------------|--------------|
| 10                            | 3.162278 | H=188            | 75              | 12.51941 | 169    | 1.67           | 13%          |
|                               |          | Z=120            | 108             | 11.57549 | 117    |                |              |
| 20                            | 4.472136 | H=188            | 75              | 23.50442 | 239    | 2.33           | 10%          |
|                               |          | Z=120            | 108             | 22.20423 | 166    |                |              |
| 30                            | 5.477226 | H=188            | 75              | 34.26025 | 292    | 2.83           | 8%           |
|                               |          | Z=120            | 108             | 32.68667 | 203    |                |              |
| 40                            | 6.324555 | H=188            | 75              | 44.89744 | 337    | 3.26           | 7%           |
|                               |          | Z=120            | 108             | 43.09339 | 234    |                |              |
| 50                            | 7.071068 | H=188            | 75              | 55.45882 | 377    | 3.63           | 7%           |
|                               |          | Z=120            | 108             | 53.45171 | 262    |                |              |
| 60                            | 7.745967 | H=188            | 75              | 65.96634 | 413    | 3.97           | 6%           |
|                               |          | Z=120            | 108             | 63.77566 | 287    |                |              |

|           |           |
|-----------|-----------|
| APPROVED  | O.G. FIG. |
| BY        | CLASS     |
| DRAFTSMAN | SUBC: A   |

FIG. 7



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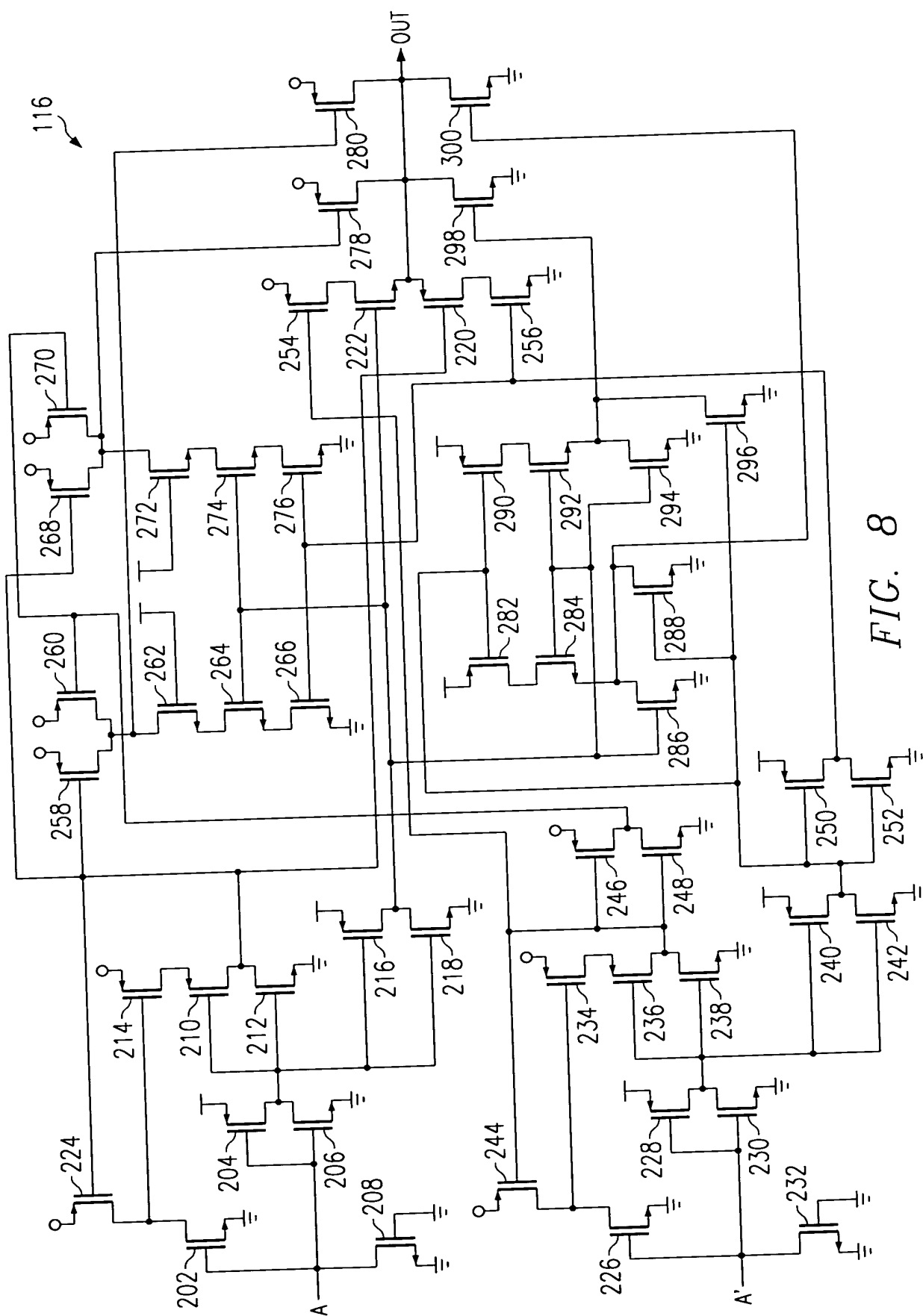


FIG. 8

|           |           |          |
|-----------|-----------|----------|
| APPROVED  | D.G. FIG. |          |
| BY        | CLASS     | SUBCLASS |
| DRAFTSMAN |           |          |

| FUNCTION | FO/SLEW   | TYPE    | TPLH   | TPHL    | TP      |        | O/P SLEW |      |
|----------|-----------|---------|--------|---------|---------|--------|----------|------|
|          |           |         |        |         |         |        |          |      |
| IV110    | 2SL/0.1ns | 8-TRACK | 0.2361 | 0.2143  | 0.2252  | 100%   | 0.29935  | 100% |
|          |           | 7-TRACK | 0.2377 | 0.2192  | 0.22845 | 101%   | 0.3033   | 101% |
|          | 8-TRACK   | 0.4107  | 0.3535 | 0.3821  | 100%    | 0.4479 | 100%     |      |
|          | 6SL/0.3ns | 7-TRACK | 0.4144 | 0.3605  | 0.38745 | 101%   | 0.4545   | 101% |
| NA210    | 2SL/0.1ns | 8-TRACK | 0.2718 | 0.2549  | 0.26335 | 100%   | 0.3304   | 100% |
|          |           | 7-TRACK | 0.2697 | 0.2498  | 0.25975 | 99%    | 0.3281   | 99%  |
|          | 8-TRACK   | 0.4526  | 0.4113 | 0.43195 | 100%    | 0.493  | 100%     |      |
|          | 6SL/0.3ns | 7-TRACK | 0.4466 | 0.4027  | 0.42465 | 98%    | 0.4883   | 99%  |

FIG. 9